



# **Washington Military Department Emergency Management Division**



## **WebEOC in Washington State**

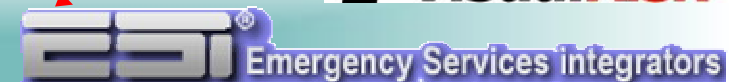
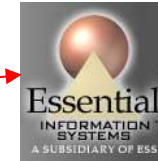
**WebEOC®**

**Presented by:  
David Rider  
IT Applications Manager  
Webmaster**

# The Search Was On...

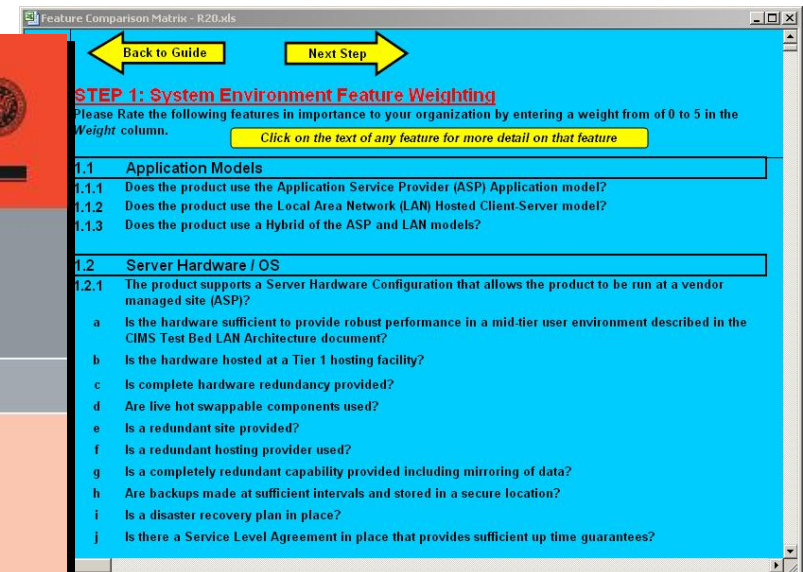
We looked at, and had numerous demonstrations of various software packages, including:

- CAMEO
- E-Team
- EM-2000
- FEMIS
- Incident Master & InfoBook
- Response Incident Management System (RIMS)
- SoftRisk
- VRiskMap
- WebEOC
- And others



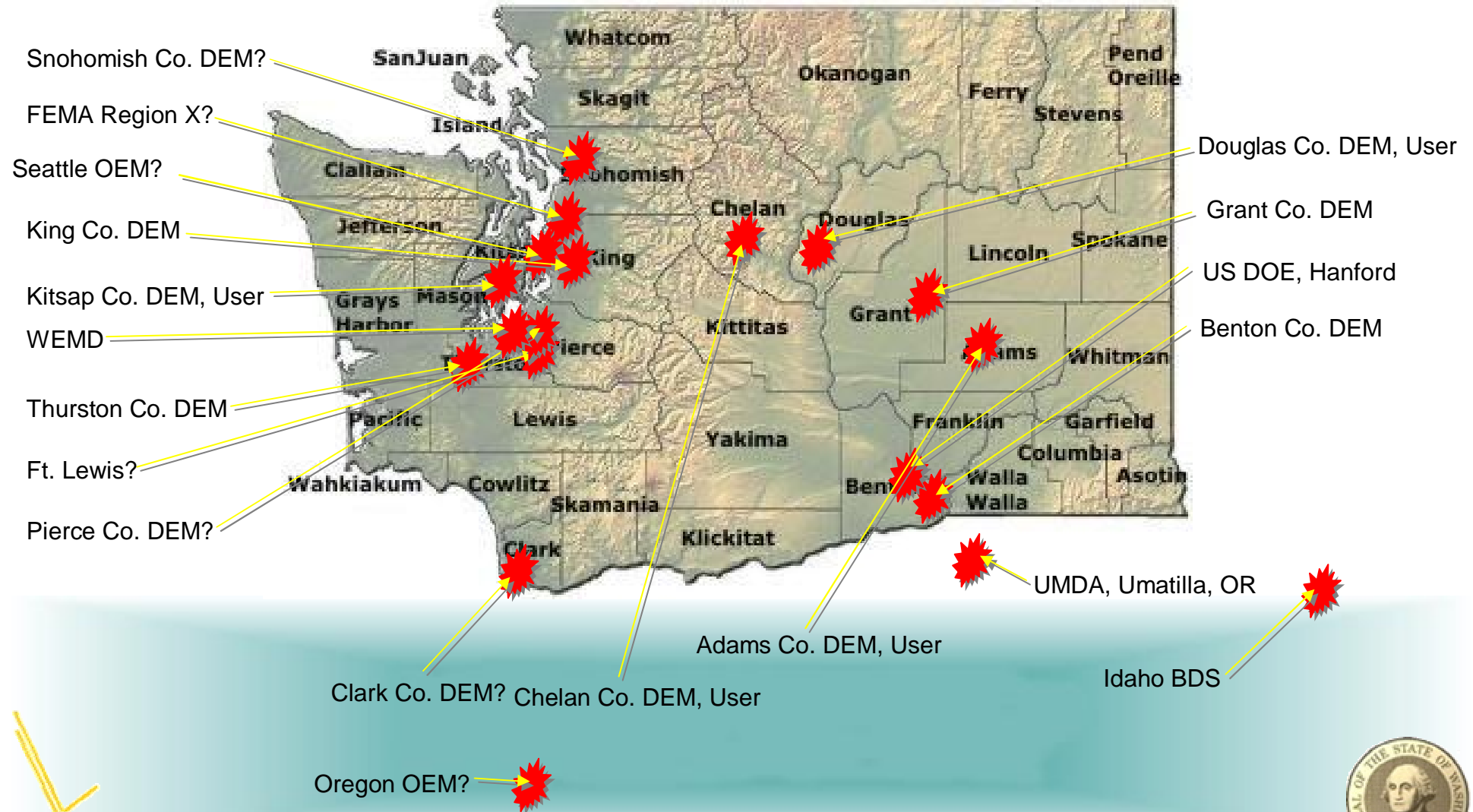
# USDOJ Study

We also had the benefit of a *US Department of Justice, National Institute of Justice* study and their evaluation of ten Crisis Information Management Software (CIMS) products.





So have some others...





# What Is WebEOC?



WebEOC<sup>®</sup>

WebEOC is  
Emergency Services  
Integrators, Inc.'s  
(ESi) Web-based,  
emergency operations  
center information  
management  
software.



# An Integrated System

We are working to build an integrated system where local jurisdictions, state and federal agencies, and others will be able to stay abreast of current activities - from their own EOCs and offices.

REQUEST FOR RESOURCES OR ASSISTANCE		
Date: 11/18/2003	Time: 08:17	Jurisdiction:
Incident Name:	Incident No.:	Request No.:
Requestor's Name:		
Call Taken By:	DOH Plant Data	
Has Resource Been Requested From Any Other Source? <input checked="" type="radio"/> YES	Date: 11/18/2003	Time: 08:22
If YES, Describe:	REACTOR STATUS	
Brief Description of the Problem or task to be accomplished:	Power Level:	Fuel Damage:
Is This an Aviation Request? <input checked="" type="radio"/> YES	Cladding Damage:	Pressure:
If YES, Indicate Purpose:	Temperature:	Level:
Have All Local Municipal or County Government Resources Been Exhausted or Otherwise Committed? If answered "NO", list:	Leak Rate:	Release Start:
Have All Reasonably Available Local Area Commercial Resources Been Exhausted or Otherwise Committed? If answered "NO", list:	Pressure:	Release ended:
Resource Requested/Suggested to Solve Problem or Accomplish Task:	Activity:	Noble Gas:
Specific Resource:	Leakage:	Iodine:
Potential:	Duration of Release:	Particulate:
Supporting Equipment, Fuel, etc.:	DG 1(A):	Release Point:
Personnel Requested to Onsite:	DG 2(B):	
	DG 3:	
	A:	
	B:	
	C:	

DOH Projected Plume Data	
Date: 11/18/2003	Time: 08:25
Release Start:	- 24 Hr.
Release ended:	- 24 Hr.
Noble Gas:	
Iodine:	

MARINE FORECAST WEATHER	
Date: 11/18/2003	Time: 08:27
Location: Coastal Waters	
Wind Speed:	MPH
Wind Direction - FROM:	Degrees or Cardinal Headings
Tidal Information:	Location:

MOUNTAIN FORECAST WEATHER	
Date: 11/18/2003	Time: 08:30
Location: Blue Mountains	
ext 12 Hrs:	- in inches
ext 24 Hrs:	- in inches
Location: Cascade Mountains	
ext 12 Hrs:	- in inches
ext 24 Hrs:	- in inches
Location: Olympic Mountains	
ext 12 Hrs:	- in inches
ext 24 Hrs:	- in inches

WSP STATEWIDE FIRE RESOURCES MOBILIZATION	
FIRE INFORMATION	
Date: 11/18/2003	Time: 08:32
Fire Name:	WA WFS:
County:	TAR Code FMI:
Incident Commander:	Phone:
IC Notes:	
Field Deputy:	Phone:
FD Notes:	
Base Camp:	
Phone:	Fax:
Base Camp Directions:	



# Logging in to WebEOC

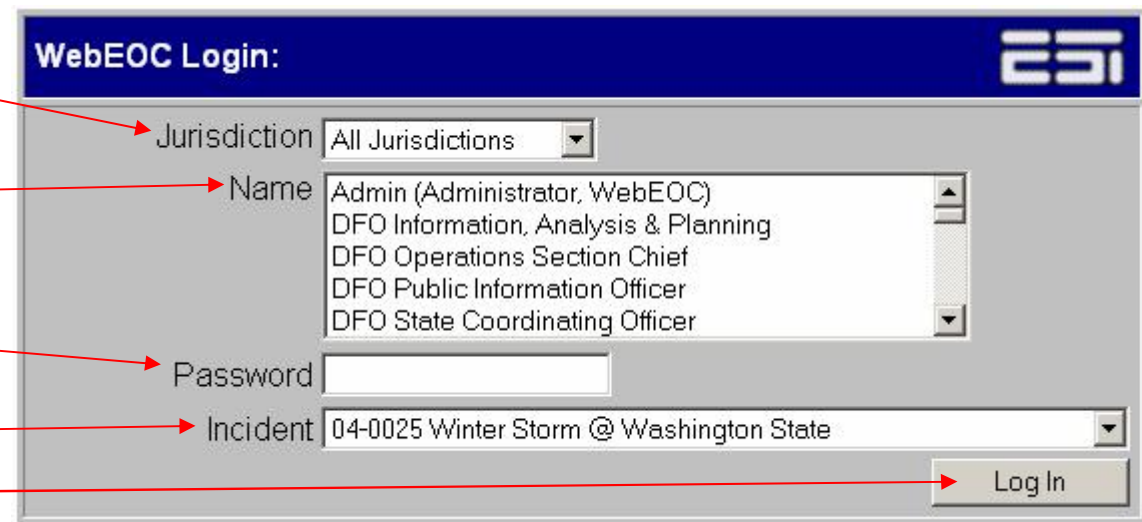
Select appropriate **jurisdiction**

In the **Name** field: select your user name.

In the **Password** field: type your password.

In the **Incident** field: select an event from the list of incidents.

Click **Log-in** OR press **Enter**.



The image shows a screenshot of the WebEOC Login interface. The form has a blue header bar with the text "WebEOC Login:" and the ESI logo. Below the header, there are four fields: "Jurisdiction" (a dropdown menu showing "All Jurisdictions"), "Name" (a list box showing "Admin (Administrator, WebEOC)", "DFO Information, Analysis & Planning", "DFO Operations Section Chief", "DFO Public Information Officer", and "DFO State Coordinating Officer"), "Password" (a text input field), and "Incident" (a dropdown menu showing "04-0025 Winter Storm @ Washington State"). A "Log In" button is located at the bottom right of the form. Red arrows point from the instructional text on the left to each of these fields: "Jurisdiction", "Name", "Password", "Incident", and the "Log In" button.



# The Remote Control

**Boards** are grouped and listed first, followed by **Forms**, and finally **Links** (Each group is listed alphabetically).

The screenshot shows the WebEOC 5.6.0 interface in a Microsoft Internet Explorer window. The interface includes a top navigation bar with 'Admin' and 'Log Out' buttons. Below this is a section for 'Admin' with 'No Event' and 'Messages' (indicated by a red square) buttons. A central table lists various modules, each with a data indicator light and a checkbox. A legend on the left explains the data indicator lights: Black for Status Board (No new data), Red for Status Board (New data available), Blue for Form, and Green for Link. A 'MapTac' button is at the bottom. Various callout boxes identify specific UI elements like the 'Admin Module Access Button', 'Event Identifier', 'User Resource Access Button', 'User Log-out Button', 'User Log-in Identifier', 'New Message Red Indicator', 'View Checkbox', 'Add/Update Button', and 'Scroll Bar'.

**Admin Module Access Button**

**Event Identifier**

**User Resource Access Button**

**Data Indicator Lights**

- Black: Status Board (No new data)
- Red: Status Board (New data available)
- Blue: Form
- Green: Link

**User Log-out Button**

**User Log-in Identifier**

**New Message Red Indicator**

**View Checkbox (Board, Form, or Link Access)**

**Add/Update Button (Board Ops Window Access)**

**Scroll Bar**

**MapTac**



# Boards & Forms

**EOC Log Screens**

Oct. 20, 2003 Storm Event (03-2662) @ W. WA

**EOC Log**

100937  
WA EOC Supervisor  
Food  
1/29/2003  
5:51  
State EOC  
100936  
Jan of KRKO Aberdeen called about the proclamation request including Grays Harbor County. Rob pointed out that it was contiguous to Mason which did declare an emergency. There could be individuals or businesses that did suffer damage in the flooding. Rob said there would be more information about disaster registration if a federal disaster declaration is approved.  
WA Public Information Officer (PIO)  
edia  
1/29/2003  
3:30  
EOC  
100935  
Patrick Longren of the Chelan County DEM called about comments Rob had made to the Wenatchee World about flood damage at Stehekin. Longren said the paper quote both Rob and the Chelan Sheriff as saying 70 or more homes had been damaged by homes/recreational structures being damaged.  
WA Public Information Officer (PIO)  
edia  
1/29/2003  
5:03  
EOC  
100934  
Skagit County EOC reported that phone restored later this afternoon.  
WA EOC Supervisor  
Food  
1/29/2003  
5:04  
Skagit County  
100933  
Larry Lange of the PI called about the disaster assessment. I outlined how much local emergency managers. Likewise, I Skagit County about the recovery efforts for updates. Lange asked about the app flooding. I noted that we are still less than submitted to the President based on sun.  
WA Public Information Officer (PIO)  
edia  
1/29/2003  
14:56  
EOC  
000932  
Received signed copy of second amendment these requiring a copy.  
WA EOC Supervisor  
Flood

DATA ENTRY DATE EVENT TYPE

109	10/20/2003 11:21:04 AM	Flood
110	10/20/2003 11:35:42 AM	Flood
111	10/20/2003 12:03:37 PM	Flood
112	10/20/2003 12:05:40 PM	Flood
113	10/20/2003 12:08:17 PM	Flood
114	10/20/2003 12:10:35 PM	Flood
115	10/20/2003 12:20:17 PM	Flood
116	10/20/2003 12:42:22 PM	Flood
117	10/20/2003 12:53:33 PM	Flood
118	10/20/2003 1:27:12 PM	Flood
119	10/20/2003 1:56:50 PM	Flood
120	10/20/2003 2:18:31 PM	Flood

EOC Log Ops Window - Microsoft Internet Explorer

Add/Update Sort Filter Print Data Link

Save Cancel Update

Report As Admin (Administrator, WebEOC)

Data Links: Significant Events: ☐

**EOC Log**

Event Type

Date 11/3/2003

Time 16:33

Location

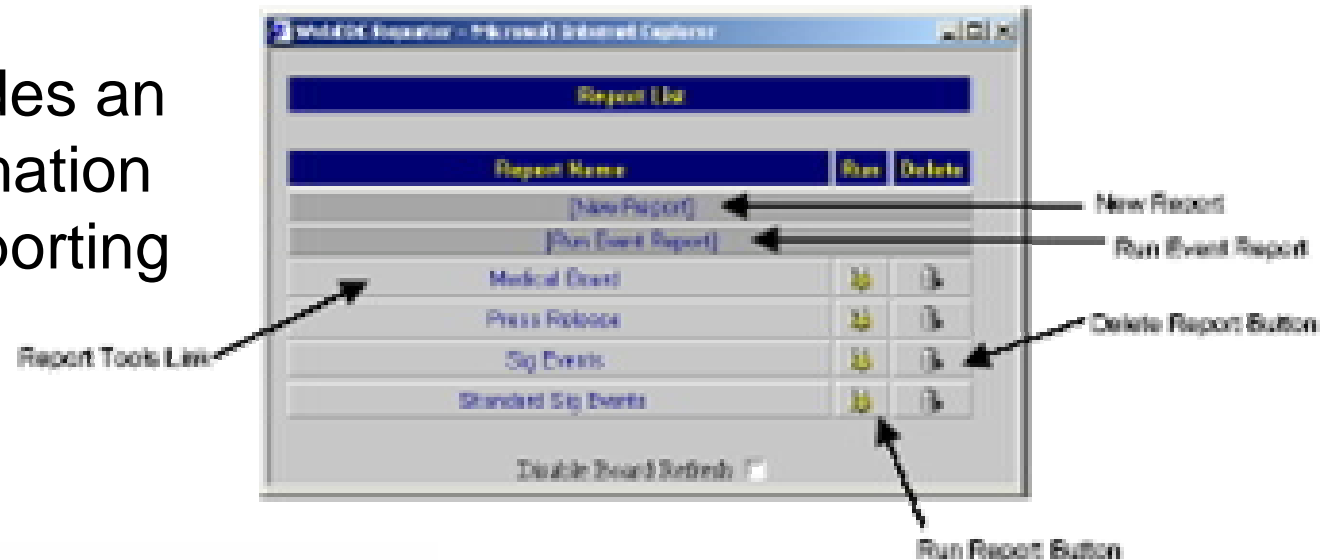
Description

Disable Board Re



# WebEOC Reporter

WebEOC provides an extensive information retrieval and reporting capability.



[Close Window]  
[Print Report]

Oct. 20, 2003 Storm Event (03-2662)@W. WA  
Significant Events

## Significant Events

DATAID	ENTRYDATE	EVENTTYPE	EVENTDATE	EVENTTIME	LOCATION	DESCRIPTION
109	10/20/2003 11:21:04 AM	Flood	10/20/2003	11:14	Clallam & Skagit Counties	The state EOC has assumed Phase II ENHANCED in response to the activation of Clallam County EOC. Also, Skagit County may activate their EOC this afternoon. A new storm front has moved into Western WA and caused numerous rivers to be placed in Flood Watch status. Clallam has an ongoing issue with the loss of SR 112 and resupply to the Makah Reservation. Clallam is processing a local Proclamation of Emergency.
110	10/20/2003 11:35:42 AM	Flood	10/20/2003	11:21	SEDO	SEDO processing notifications to Federal and State Agencies.
111	10/20/2003 12:03:37 PM	Flood	10/20/2003	11:57	EOC Supervisor	Mark Watkinson, Skagit DEM provided update on Baker Dam issue. They spoke with the Corps who informed them that the dam gates MAY have to be opened at some point over the next 48 hours which could cause downstream flooding. County is being pro-active and has opened the Grassmere ARC shelter in Concrete. Somehow citizens in Concrete found out about the Baker Dam issue and started calling local officials. Skagit will open their EOC sometime in the next few hours.
112	10/20/2003 12:05:48 PM	Flood	10/20/2003	12:04	EOC	EOC email is down; cannot send/receive.
113	10/20/2003 12:08:17 PM	Flood	10/20/2003	12:05	EOC	Flood warning = Elwha in Clallam County; Skokomish in Mason County; Stillaguamish in Snohomish County, Skagit in Skagit County; and Nooksack in Whatcom County.
114	10/20/2003 12:10:35 PM	Flood	10/20/2003	12:08	EOC	Flood Watch = Grays Harbor, Jefferson, Clallam, Whatcom, Skagit, Snohomish and Mason Counties. Gale Warning = Camano Island to Point Roberts. High Wind Warning = South Washington coast.
115	10/20/2003 12:20:17 PM	Flood	10/20/2003	12:14	EOC	EOC email is back in service.
116	10/20/2003 12:42:22 PM	Flood	10/20/2003	12:38	City of Shelton	City of Shelton is declaring an emergency; Mason County is informed; city seeking assistance with filling sand bags -- instructed to canvass for volunteer resources within the county.
117	10/20/2003 12:53:33 PM	Flood	10/20/2003	12:03	Skagit County	Mark Watkinson called with an update. Eric Weiner of the USACE informed them that models based on current data indicate the Skagit River may reach a height of 40 feet by 11 AM tomorrow. Flood stage is 28 ft. This is equivalent to the 1990 event. Mark said County Officials and reps from USACE are in a meeting discussing what options they have. Mark will call back with results of meeting.
118	10/20/2003 1:27:12 PM	Flood	10/20/2003	13:26	Mason County	Mason County EOC activated 1300.

WebEOC Reporter provides two categories of reports:

**Board Report, and Event Report**

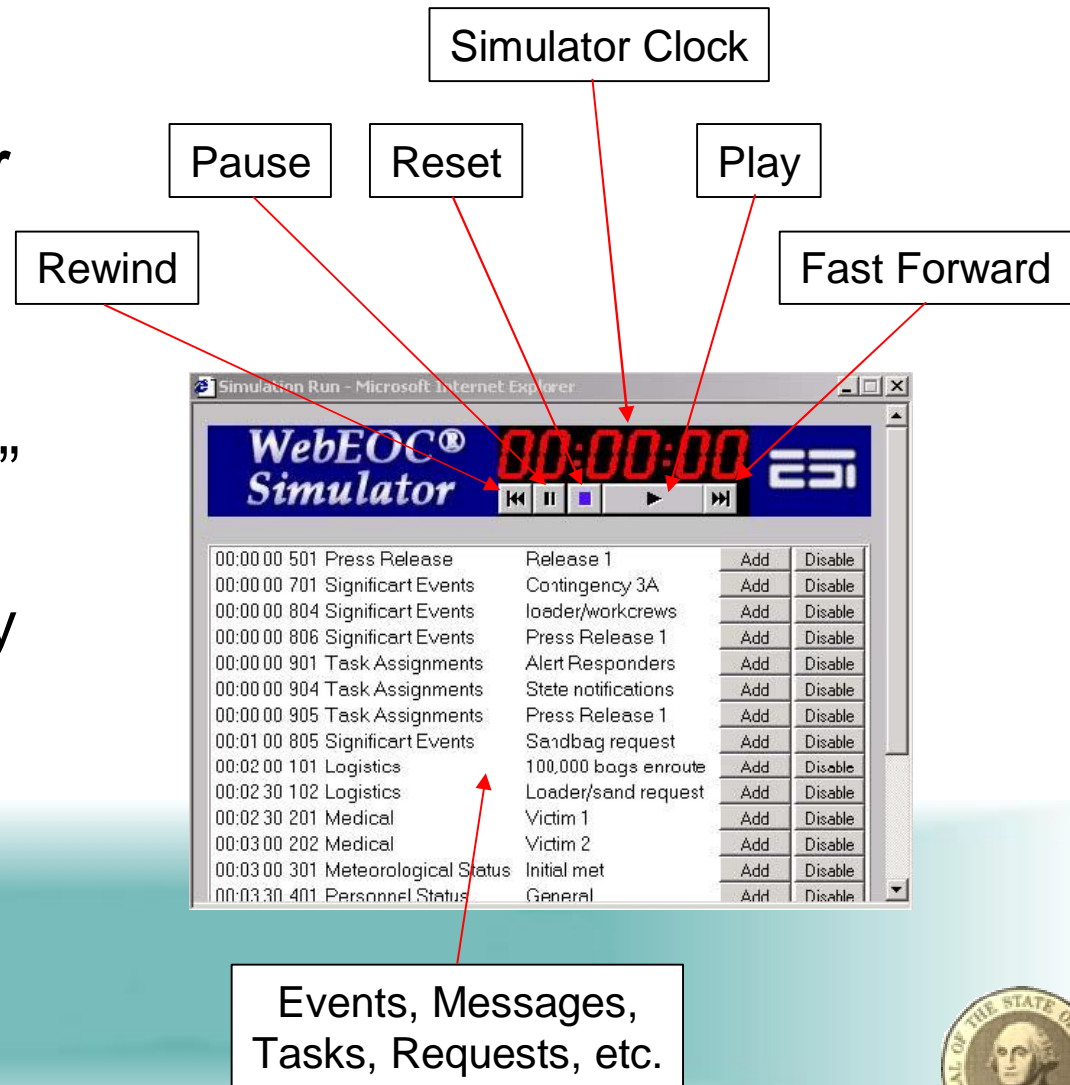




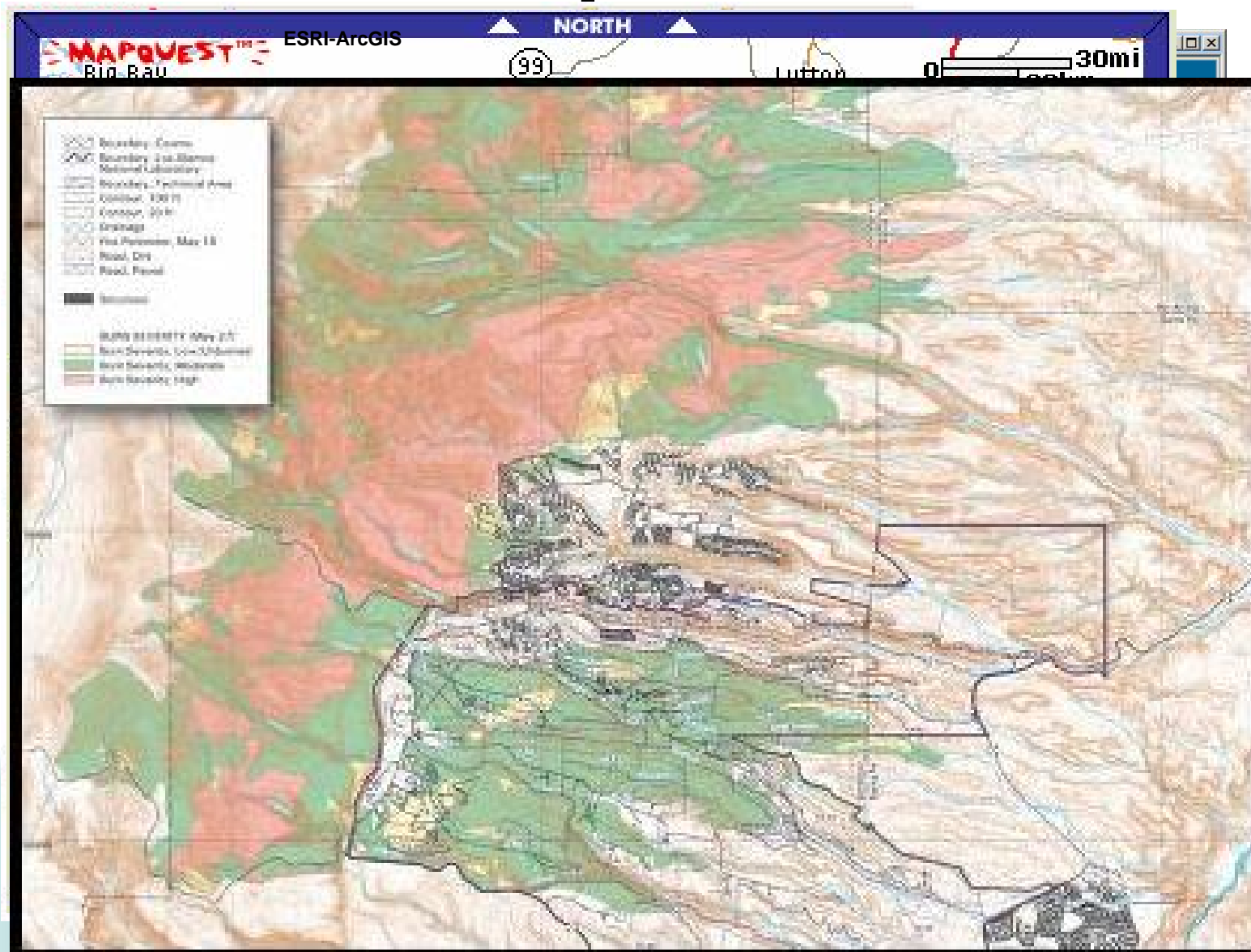
# Simulations Manager

The **Simulations Manager** is a tool for training, drills, and exercises.

It allows creation of “virtual” events by defining board entries and elapsed display times.



# MapTac




# Where We're Going



# Making WebEOC Available

For a jurisdiction to use WebEOC from the State Server, there is some information we need prior to being able to provide access to WebEOC:



**EMD WebEOC**  
**Agency and User Configuration Checklist**

Agency Configuration

Agency Name: \_\_\_\_\_

**EOC position checklists** – Let's wait till the upgrade comes out to think about placing checklists in WebEOC.

**Board Permissions** - What boards do you want access to: mark an X whether read only, read/write, or if no access, leave blank.  
(Note: Some boards may not be available. There may be new ones not on the list. Consult the WSWUG Web pages for most up-to-date list. Fewer boards selected is probably better for now).

Read-Only	Read/Write	Board Title
		Annex A - Terrorism
		Business and Industry
		CGS - Plant Data Input - Washington Department of Health
		CGS - Projected & Measured Plume Data - Washington Department of Health
		Downed Trees Report Data
		EOC Log
		EOC Sign-In / Sign-Out
		ESF-01 - Transportation - Vehicle Dispatch
		ESF-01e Transportation - Mission Status
		ESF-2 Public Advisory Warning
		ESF-2 Telecommunications Outage Report
		ESF-3 Public Works/Engineering Project Status
		ESF-3e Public Works/Engineering Mission Status
		ESF-4 Fire Fighting Mission Status
		ESF-4 Fire Fighting Mission Status



# Accessing WebEOC

Suppose you wanted to access WebEOC from your office...

As long as your office is on the IGN\* or the SGN\*\* enter the following:

<http://199.47.32.61>

Of course, this presupposes that you have already obtained a WebEOC account and password, and that there are no other hidden problems... e.g., firewalls, etc., that may hinder your connection.



# WebEOC User's Group

The WSWUG is intended for those who are the WebEOC Administrators for their agencies. WebEOC users are also welcome to join.

**Join the WSWUG Listserv Discussion Group at:**  
**<http://listserv.wa.gov/archives/wswug.html>**

**Keep up with the latest developments**

**Participate in discussions**





# What's Coming in ver. 6

Version 6 is due for release around the first part of April 2004. A complete re-tooling of WebEOC involves all these areas:

- XML Technology
- Security
- GIS
- CallingPost Interface
- Control Panel
- Log-ins
- Archives
- Audit Log
- Boards/Forms
- Checklists
- Dual Commit
- Email Server
- Groups
- Lists
- MapTac
- Menus
- Sessions
- Simulator
- Integration
- Messages




# Take It For A Test Drive



## WebEOC Log in

- Jurisdiction - Choose **Training**
- Name - **Pick any position**
- Password - **To7M7YSE**
- Incident - **Training@WEMD EOC**
- Press the **Log In** button
- Close the screen that says “logged in”

WebEOC Login: 

Jurisdiction: Training

Name: DFO Information, Analysis & Planning  
DFO Operations Section Chief  
DFO Public Information Officer  
DFO State Coordinating Officer  
US Army Corps of Engineers

Password: .....

Incident: Training @ WEMD EOC

Log In





# **Washington Military Department Emergency Management Division**



**Thanks for your  
participation**

**WebEOC®**

**Presented by:  
David Rider  
IT Applications Manager  
Webmaster**